

ATTORNEY DOCKET NO: MCROD-002CB
TITLE: IMPROVED IMMUNOASSAY SYSTEM

Serial No.: 10/695,297

Filing Date: OCTOBER 28, 2003



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PTO/SB/21 (08-00)

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TRANSMITTAL FORM

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		Application Number	10/695,297
		Filing Date	OCTOBER 28, 2003
		First Named Inventor	ROY CHUNG ET AL.
		Group Art Unit	1641
		Examiner Name	
Total Number of Pages in This Submission		Attorney Docket Number	MCROD-002CB

ENCLOSURES (check all that apply)

<input type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Assignment Papers (for an Application)	<input type="checkbox"/> After Allowance Communication to Group
<input type="checkbox"/> Fee Attached	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
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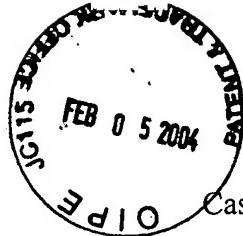
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Case: MCROD-002CB

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: ROY CHUNG, ET AL.)
Serial No.: 10/695,297) Art Unit: 1641
Filed: OCTOBER 28, 2003) Examiner:
For: IMPROVED IMMUNOASSAY SYSTEM) Confirm: 4182
)

Commissioner for Patents
P.O.Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

PURSUANT TO 37 C.F.R. SECTION 1.97

Pursuant to 37 C.F.R. § 1.97, the following Information Disclosure Statement is submitted as listed on forms PTO/SB/08A and 08B enclosed herewith in duplicate. Copies of all disclosure documents are attached hereto for the Examiner's review. Please note that this is filed concurrently with one or more additional Information Disclosure Statements which were filed electronically on today's date. Attached is the Acknowledgement Receipts: reference EFS ID 54692.

No representation is made that the references disclosed herein legally constitute prior art, or that more relevant references are not available. The disclosure documents enclosed herewith and listed on the attached forms (PTO/SB/08A and 08B) are printed in the English language and/or accompanied by an Abstract published in the English language.

The references listed herein, when taken alone or in combination, are not believed to disclose nor make obvious the invention as claimed in the subject application.

As this Information Disclosure Statement is being submitted before the stipulated three months from the filing date of the application and/or before the mailing of a first Office Action, it is believed that no fee is required. If any additional fee is required, please charge Account Number 19-4330.

Respectfully submitted,

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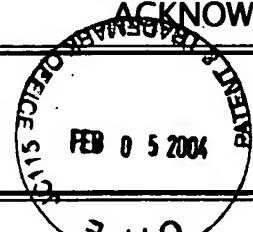
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ACKNOWLEDGEMENT RECEIPT

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Title of Invention

IMPROVED IMMUNOASSAY SYSTEM

Submission Type: Information Disclosure Statement

Application Number: 10/695297 *10/695297*

EFS ID: 54692

Server Response:

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First Named Applicant: ROY CHUNG

Attorney Docket Number: MCROD-002CB

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Doc. Name	File Name	Size (Bytes)
us-ids	ids-usidst.xml	4844
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us-ids	us-ids.xsl	12026
package-data	ids-pkda.xml	1743
package-data	package-data.dtd	27025
package-data	us-package-data.xsl	19263
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Sheet 1 of 0

Complete if Known

Application Number	10/695,297
Filing Date	OCTOBER 28, 2003
First Named Inventor	ROY CHUNG ET AL.
Group Art Unit	
Examiner Name	
Attorney Docket Number	MCR0D-002CB

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		Triage Panel for Drugs of Abuse - Directions for Use, Biosite Diagnostics of San Diego, CA (1991) (11 pages).	
		Thomas Ciesiolk & Hans-Joachim Gabius, "An 8-10 Fold Enhancement in Sensitivity for Quantification of Proteins by Modified Application of Colloidal Gold: in Analytical Biochemistry 168, 280-283 (Academic Press, Inc. 1988).	
		Jan H.W. Leuvering, et al., "A Homogeneous Sol Particle Immunoassay for Human Chronic Gonadotrophin Using Monoclonal Antibodies" in Journal of Immunological Methods 60, 9-23 (Elsevier Science Publishers 1983).	
		G. Frens, "Controlled Nucleation for the Regulation of the Particle Size in Monodisperse Gold Suspensions" in Nature Physical Science, Vol. 241 (January 1, 1973).	
		U.R. Chakraborty, et al., "An immunogold assay system for the detection of antigen or antibody" in Ann. Biol. Clin. 48, 403-408 (1990).	
		Lars-Inge Larsson, "Simultaneous ultrastructural demonstration of multiple peptides in endocrine cells by a novel immunocytochemical method" in Nature Vol. 282, 743-746 (13 December 1979).	
		W. Baschong, et al., "Thiocyanate gold": small (2-3 nm) colloidal gold for affinity cytochemical labeling in electron microscopy" in Histochemistry 83:409-411 (Springer-Verlag 1985)	
		Jan W. Slot, et al., "A new method of preparing gold probes for multiple-labeling cytochemistry" in European Journal of Cell Biology 38, 87-93 (1985).	
		Christa M. Stoscheck, "Protein Assay Sensitive at Nanogram Levels" in Analytical Biochemistry 160, 301-305 (1987).	
		Claudio N. Beristain, et al., "Evaluation of a Dipstick Method for the Detection of Human Immunodeficiency Virus Infection" in Journal of Clinical Laboratory Analysis 9:347-350 (1995).	
		Jose M. Coco Martin, et al., "Characterization of Antibody Labelled Colloidal Gold Particles and Their Applicability in a Sol Particle Immuno Assay (SPIA)" in Journal of Immunoassay, 11(1), 31-47 (1990).	

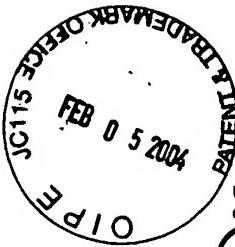
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First Named Inventor	ROY CHUNG ET AL.
Group Art Unit	
Examiner Name	
Attorney Docket Number	MCROD-002CB

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		Triage Panel for Drugs of Abuse - Directions for Use, Biosite Diagnostics of San Diego, CA (1991) (11 pages).	
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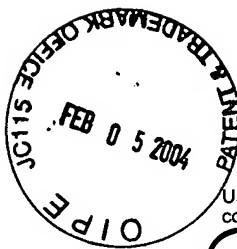
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Sheet 1 of 0

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First Named Inventor	ROY CHUNG ET AL.
Group Art Unit	
Examiner Name	
Attorney Docket Number	MCROD-002CB

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

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		Jan H.W. Leuvering, et al., "Sol Particle Immunoassay (SPIA)" in Journal of Immunoassay, 1(1), 77-91 (1980).	
		J. Roth, The Colloidal Gold Marker System for Light and Electron Microscopic Cytochemistry (Academic Press 1993).	
		Julian E. Beesley, Colloidal Gold: A New Perspective for Cytochemical Marking, (Oxford Univ. Press/Royal Microscopical Society 1989).	
		Marc Moeremans, et al., "Sensitive Colloidal Metal (Gold or Silver) Staining of Protein Blots on Nitrocellulose Membranes" in Analytical Biochemistry 145, 315-321 (1985).	
		Jan H.W. Leuvering, et al., "A Sol Particle Agglutination Assay for Human Chorionic Gonadotrophin" in Journal of Immunological Methods, 45, 183-194 (Elsevier/North-Holland Biomedical Press 1981).	
		William D. Geoghegan and G. Adolph Ackerman, "Adsorption of Horseradish Peroxidase, Ovomucold and Anti-Immunoglobulin to Colloidal Gold for the Indirect Detection of Concanavalin A, Wheat Germ Agglutinin and Goat Anti-Human Immunoglobulin G on Cell Surfaces at the Electron Microscopic Level: A New Method, Theory and Application" in Journal of Histochemistry and Cytochemistry, Vol. 25, No. 11, pp. 1187-1200 (1977).	
		Rita Gupta, et al., "Rapid Antibody Capture Assay for Detection of Group-A Streptococci Using Monoclonal Antibody and Colloidal Gold-Monospecific Polyvalent Antibody Conjugate" in Journal of Immunoassay, 13(3), 441-455 (1992).	

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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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Sheet 1 of 0

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Application Number	10/695,297
Filing Date	OCTOBER 28, 2003
First Named Inventor	ROY CHUNG ET AL.
Group Art Unit	
Examiner Name	

Attorney Docket Number MCROD-002CB

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

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		J. Roth, The Colloidal Gold Marker System for Light and Electron Microscopic Cytochemistry (Academic Press 1993).	
		Julian E. Beesley, Colloidal Gold: A New Perspective for Cytochemical Marking, (Oxford Univ. Press/Royal Microscopical Society 1989).	
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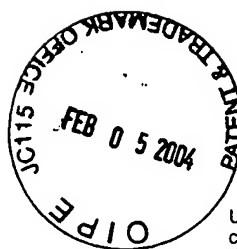
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				Filing Date	OCTOBER 28, 2003
				First Named Inventor	ROY CHUNG, ET AL.
				Art Unit	
				Examiner Name	
Sheet	1	of	1	Attorney Docket Number	MCR0D-002CB

U.S. PATENT DOCUMENTS

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				Filing Date	OCTOBER 28, 2003
				First Named Inventor	ROY CHUNG, ET AL.
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Sheet	1	of	1	Attorney Docket Number	MCROD-002CB

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